

## **COMMUNICATION SYSTEM WITH PRIORITY DATA COMPRESSION**

### **ABSTRACT OF THE DISCLOSURE**

A data compression system that dynamically adapts the degree of compression used in response to the priority of the data to be compressed is provided by virtue of one embodiment of the present invention. In one embodiment, only low priority data is compressed while high priority data is passed through to the network in uncompressed form. Also, the compression ratio can be varied depending on the priority of the data to allocate a larger portion of available bandwidth to higher priority traffic while imposing greater compression related delay on lower priority traffic.

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